Samsung Medison is a global leading medical devices company. Founded in 1985, the company now sells cutting-edge medical devices including diagnostic ultrasound, digital X-ray and blood analyzer, in 110 countries around the world. The company has attracted global attention in the medical field with its R&D capabilities and advanced technologies. In 2011, Samsung Medison became an affiliate company of Samsung Electronics, integrating world's best IT, image processing, semiconductor and communication technologies into medical devices.

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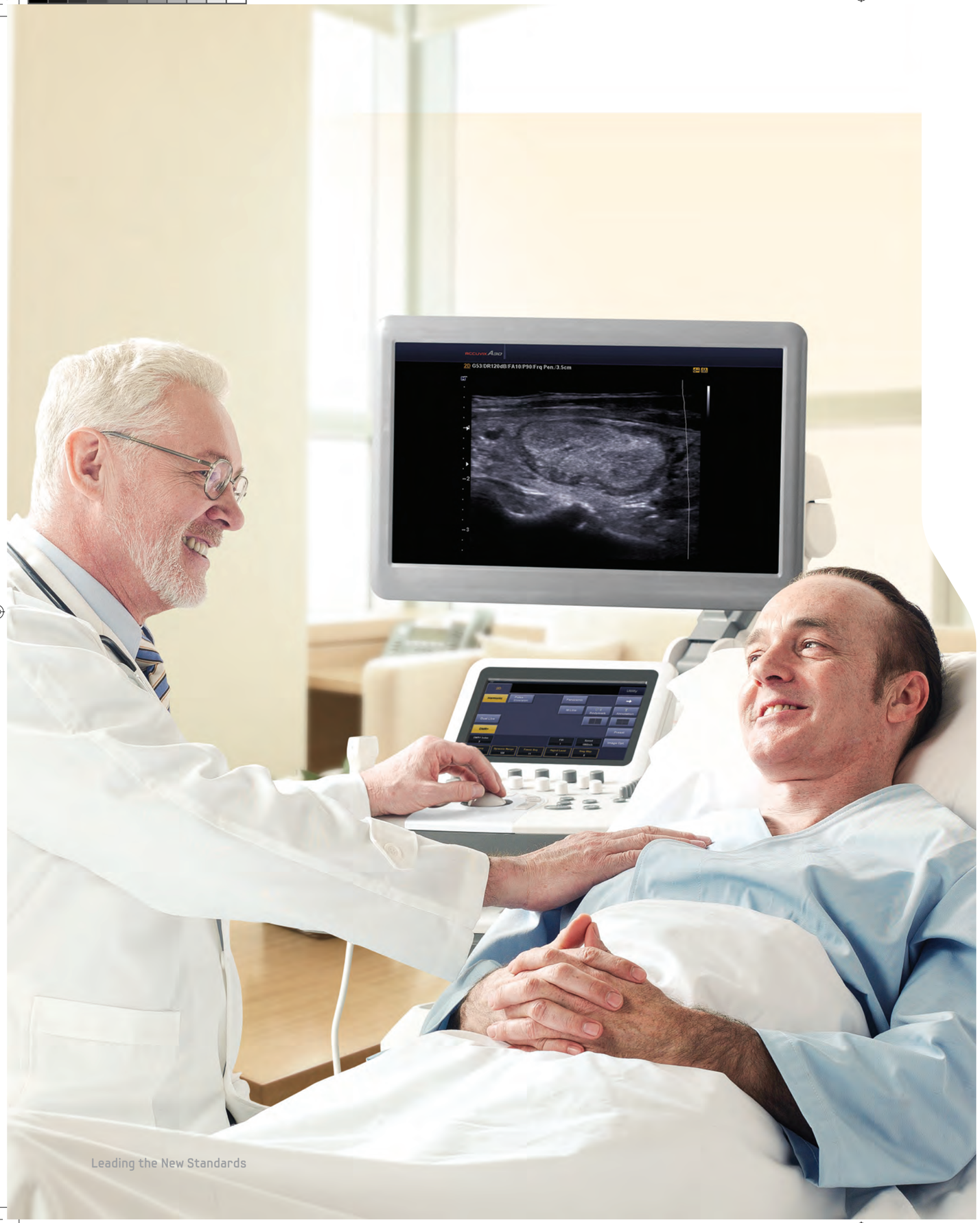
SAMSUNG MEDISON

SAMSUNG MEDISON

ACCUVIX A30

Leading the New Standards



EXPERIENCE UNRIVALED PERFORMANCE

As the pioneer in ultrasound and imaging, Samsung Medison sets global standards in ultrasound systems. We focus on innovations that support more accurate, easier and faster diagnosis. Our new Accuvix A30 system establishes new benchmarks in operational convenience with features such as EZ Exam™ and ElastoScan™. Furthermore, the Accuvix A30 offers the world's first 21.5-inch LED ultrasound monitor, enriched 3D performance, increased detection rates, advanced automation, customizable interface and ergonomic design.

ACCURATE EASY FAST

More Accurate Images

Superior image quality supports clinical decision-making and reduces uncertainty for increased diagnostic confidence.

Easier Operation

Extensive automation, intuitive controls and ergonomic design empower users to provide higher-level care.

Faster Access

Newly designed imaging tools and advanced technologies deliver superior image quality while saving your time and effort.

ACQUIRE SUPERIOR SCANS

Utilizing the world's first full HD LED monitor, powerful engine capabilities, cutting-edge color representations and specialized probes, Samsung Medison's smart technology provides top-quality resolution and measurements for greater diagnostic confidence.

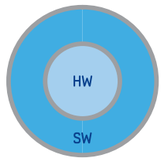
ACCURATE EASY FAST

21.5-Inch Full HD LED Monitor

With the release of the world's first 21.5-inch LED ultrasound monitor, the Accuvix A30 introduces high-quality color image representation. The new, wider monitor provides superior performance by adapting both advantages from CRT and LCD monitors: high contrast and great resolution.

Hybrid Beamforming Engine

With enhanced H/W and newly added S/W engines, users can process data more accurately through optimized processing. This Hybrid Beamforming Engine enables a more in-depth, and a more detailed scanning with a higher energy output.



Enhanced DPDI

Enhanced DPDI, an innovative color Doppler with greater sensitivity, can detect peripheral blood vessels. Its advanced Doppler enables accurate diagnosis when color detection is especially difficult.

Renal vessels of DPDI

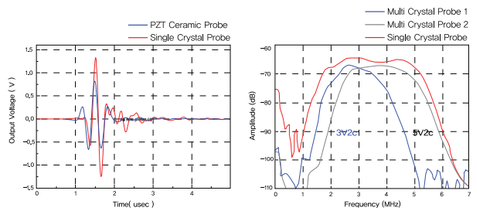
Contrast agent

Contrast agent is a function which qualifies the standard provided by CEUS. With the contrast agent, exam has become easier by providing dual live view and single toggle view. The TIC analysis tool allows the quantification of change in intensity over time which increases accuracy in diagnosis.

Liver messes of CEUS

Single Crystal

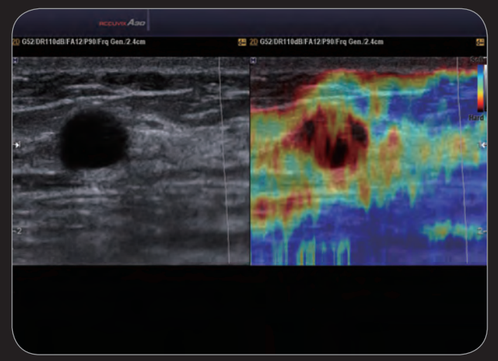
The single crystal material provides a wide bandwidth which allows the user to utilize a wider range of frequency that grants a better resolution along with penetration. Also because of the high sensitivity reflected signals can detect small blood flow.



ACHIEVE ENHANCED IMAGE

Our state-of-the-art diagnostic systems rely on innovative technologies to enhance ultrasound imaging. Thanks to improved and sharper contrast resolution, images are in higher quality making them easier to analyze. With advanced imaging construction, the Accuvix A30 improves efficiency in imaging under all possible conditions.

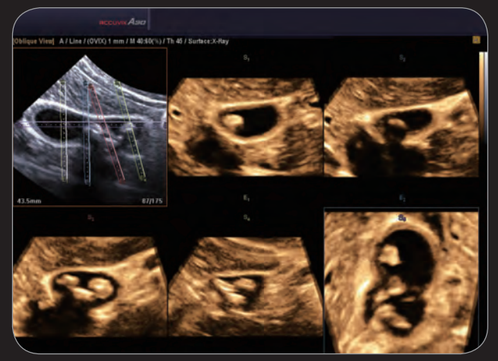
Achilles tendon



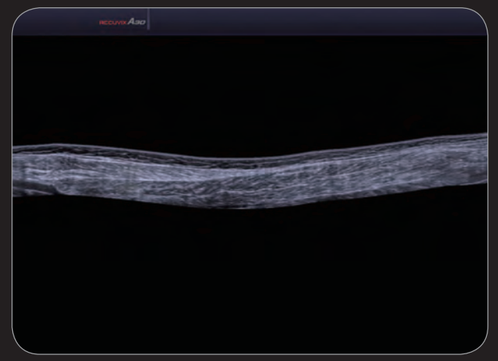
Breast ElastoScan™

Renal vessels of DPDI

Fibroadenoma image with SCI™

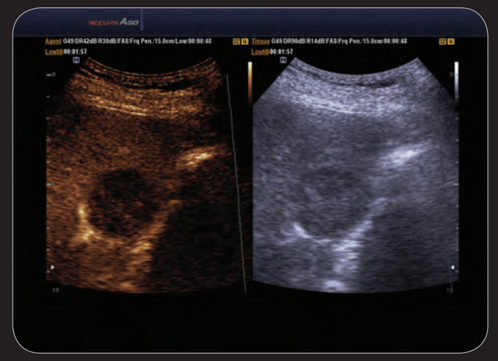


GB stones with 3D OVIX mode

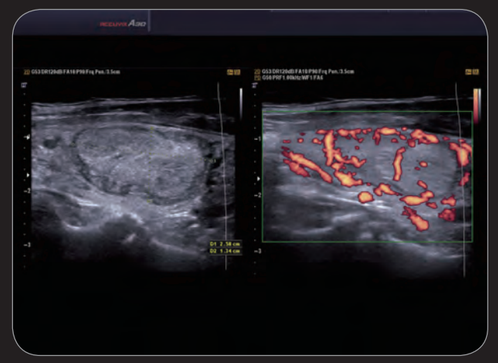


Gastrocnemius muscle of panoramic image

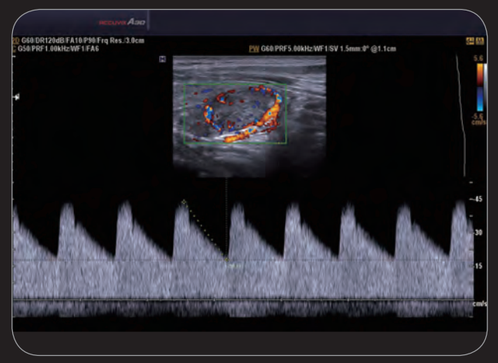
Calcific tendinopathy of Rotator cuff



Liver hemangioma of CEUS

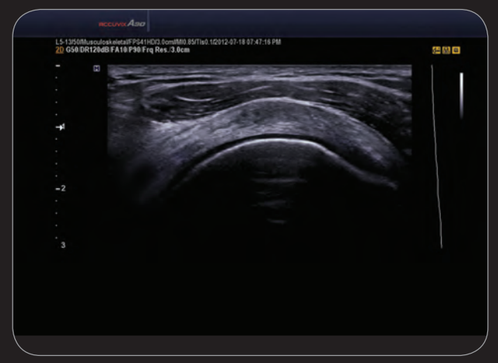


Thyroid adenoma dual image



Thyroid adenoma PW Doppler

Thyroid multiple cystic nodule in trapezoidal mode



Shoulder rotator cuff with DMR Plus™

EASIER EXAMS THAN EVER

To ensure more comfortable and simplified testing environments, Samsung Medison developed proprietary technology that gives users more customizable controls and automated settings that makes tasks and operations easier to manage. Features such as EZ Exam™ transform multiple steps into a streamlined process at the touch of a button. Advanced detection technologies and innovative measurement tools also automate tasks and facilitate trouble-free operation.

ACCURATE EASY FAST

Thyroid ElastoScan™

Allowing users to acquire ElastoScan™ images without compression, Thyroid ElastoScan™ has a quantification index for determining the possibility of malignant nodules.

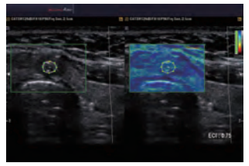
All-New User Interface

Improved options for preset automation and modes exams easier by reducing multiple tasks. Independent settings for user preset and basic preset also support easier operation.

New preset menu of probe dialog

ElastoScan™

Helping to identify early detection of malignant tumors and other various diseases, ElastoScan™ provides clinical information that are unattainable with conventional scans.



Thyroid ithmus adenoma ElastoScan™ with ECI

EZ Exam™

EZ Exam™ transforms frequently used step-by-step exams into a single, streamlined procedure.

EZ Exam™ Designer mode

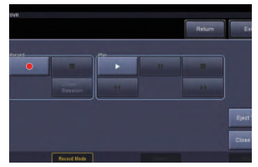
UTILIZE TIME-SAVING TECHNOLOGIES

Accuvix A30 relies on cutting-edge technology and proprietary features that streamline imaging and procedures in order to save precious time allowing users to become more time-efficient. For instance, real-time DVD recording is a thoughtful function that enables simultaneous scanning and recording. The Accuvix A30 also has upgraded color technology, customizable preset ranges, and automated imaging parameters that further maximize workflow efficiency.

ACCURATE EASY FAST

HD-ADVR™

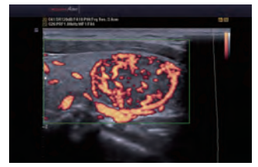
HD-ADVR™, integrated DVD (720x480) and USB (Full HD 1920 x 1080), permits simultaneous scanning and recording, creating an environment that allows users to choose desired recording areas.



Touch-screen menu of HD-ADVR™

Color Opt Flow™

The exclusive color technology supports quick color image representations of blood flow. Upgrade includes the capability to change between slow, moderate and fast color speeds. The preset ranges allow faster evaluation of optimized blood flow images, depending on the application.



Thyroid adenoma with Color Opt Flow™

QuickScan™

By enabling automatic optimization of key imaging parameters with the touch of a button, QuickScan™ maximizes workflow efficiency.

Renal artery PW without QuickScan™

Renal artery PW with QuickScan™

EMPLOY ERGONOMIC DESIGN

With mobility and easy access in mind, we made the Accuvix A30 to be easily transported; one of the main features of the system, the central lock allows quick and easy control of mobility. The intuitive control panel can be adjusted easily to user's preference, and the monitor arm can move front to back as well as side-to-side. Our advanced ergonomic design lets medical experts focus on patients.

Articulated monitor arm

- Height: adjustable +260mm (1415~1760 mm)
- Rotation: adjustable +/- 50° from center, others +/- 130° from center
- Tilt: adjustable +45°/ -15° from center
- Front/Back: adjustable +339.4 mm

Flexible control panel

Panel can be adjusted side-to-side and up-and-down for user comfort.

- Height: adjustable +180mm
- Rotation: 60°, adjustable +/- 30°

Articulated monitor arm

The monitor's controls provide unprecedented flexibility and user comfort, adjusting both up and down and side to side for personalized performance.

Central Locking

Conveniently locked with foot controls.

OPTIMIZED PROBE SET CONFIGURATION

Volume Probes

V2-6

- **Application:** Abdomen, OB, Gynecology
- **Center frequency:** 3.15MHz
- **Field of view:** 87°

V4-8

- **Application:** Abdomen, OB, Gynecology
- **Center frequency:** 4.4MHz
- **Field of view:** 85°

V5-9

- **Application:** Abdomen, OB, Urology
- **Center frequency:** 4.4MHz
- **Field of view:** 85°

Linear Probes

L5-13/50mm

- **Application:** Musculoskeletal, Deep vein, Vascular
- **Center frequency:** 75MHz
- **Field of view:** 50mm

L4-7

- **Application:** Musculoskeletal, Deep vein, Vascular
- **Center frequency:** 3.15MHz
- **Field of view:** 44.16mm

L5-13IS

- **Application:** Musculoskeletal, Deep vein, Vascular
- **Center frequency:** 8.0MHz
- **Field of view:** 38.4mm

L7-16IS

- **Application:** Musculoskeletal, Small, Parts, Vascular
- **Center frequency:** 12.0MHz
- **Field of view:** 38.4mm

LS6-15

- **Application:** Superficial MSK
- **Center frequency:** 9MHz
- **Field of view:** 26mm

Convex Probes

SC1-6

- **Application:** Abdomen, OB, Gynecology
- **Center frequency:** 3.2MHz
- **Field of view:** 60°

C2-6IC

- **Application:** Abdomen, OB, Gynecology
- **Center frequency:** 4.0MHz
- **Field of view:** 58.12°

C5-8

- **Application:** Pediatric, Vascular
- **Center frequency:** 6.5MHz
- **Field of view:** 92°

CW Pencil Type Probes

CW2.0

- **Application:** Cardiac
- **Center frequency:** 2.0MHz

CW4.0

- **Application:** Cardiac
- **Center frequency:** 4.0MHz

CW6.0

- **Application:** Vascular, Cardiac, Pediatric
- **Center frequency:** 6.0MHz

Endo Cavity Probes

EC4-9IS

- **Application:** Gynecology, OB, Urology
- **Center frequency:** 6.5MHz
- **Field of view:** 148.9°

VR5-9

- **Application:** Gynecology, OB, Urology
- **Center frequency:** 5.95MHz
- **Field of view:** 150.3°

Phased Array Probes

P2-4BA

- **Application:** Cardiac, Abdomen, TCD
- **Center frequency:** 2.7MHz
- **Field of view:** 90°